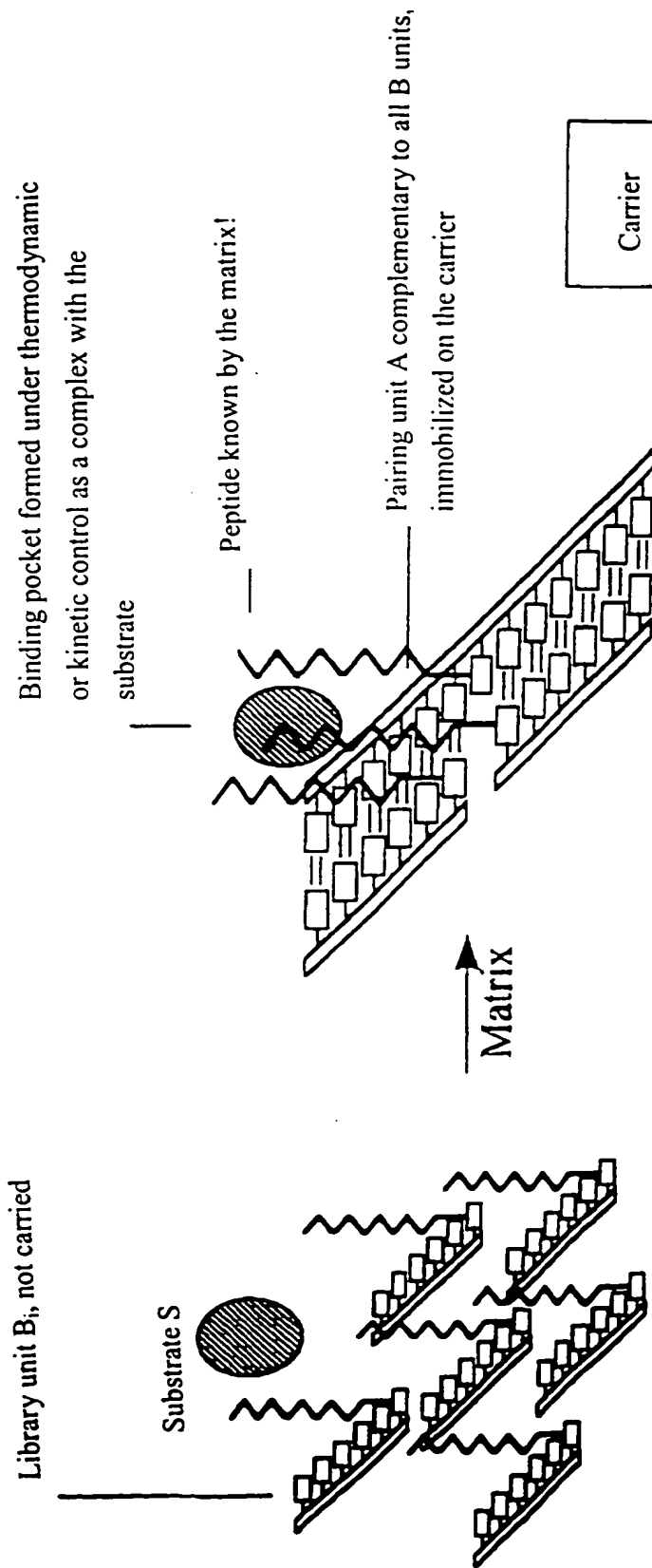
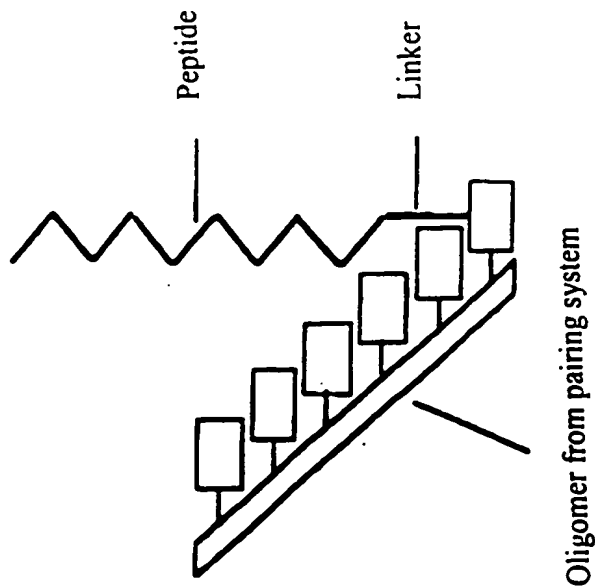


Fig. 1



5

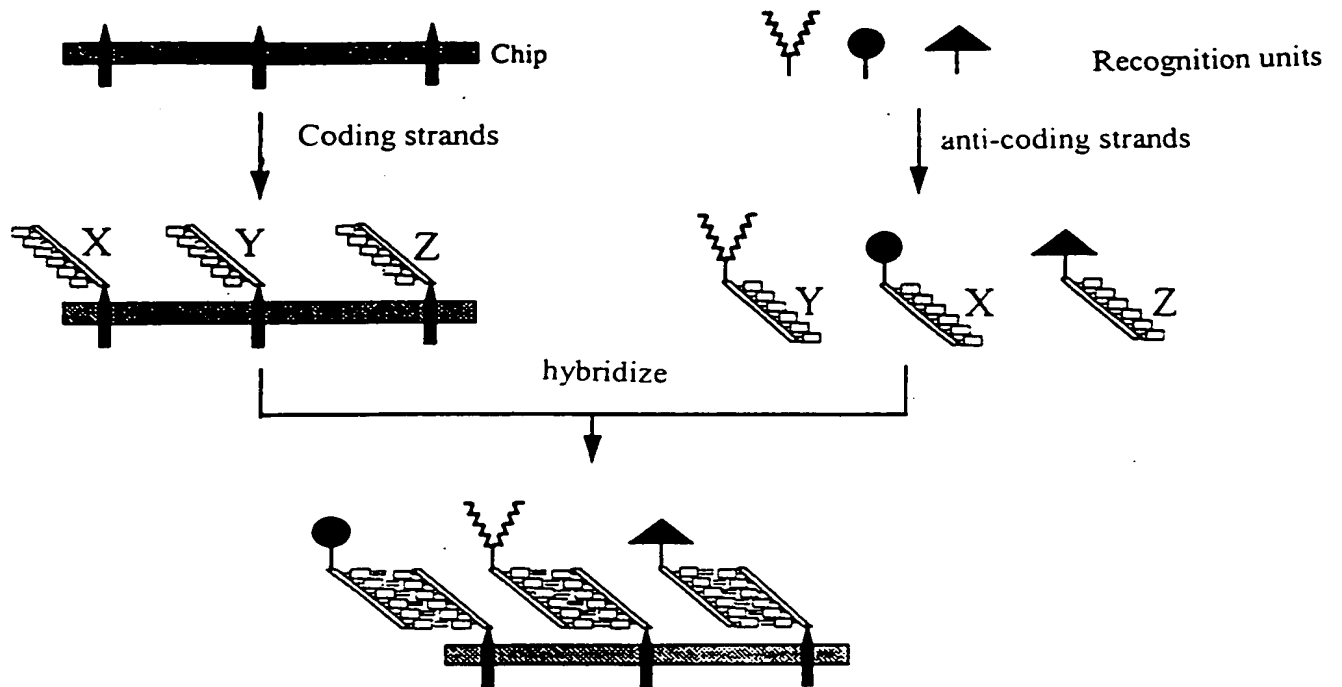


Fig. 2

10

09/509051 060300

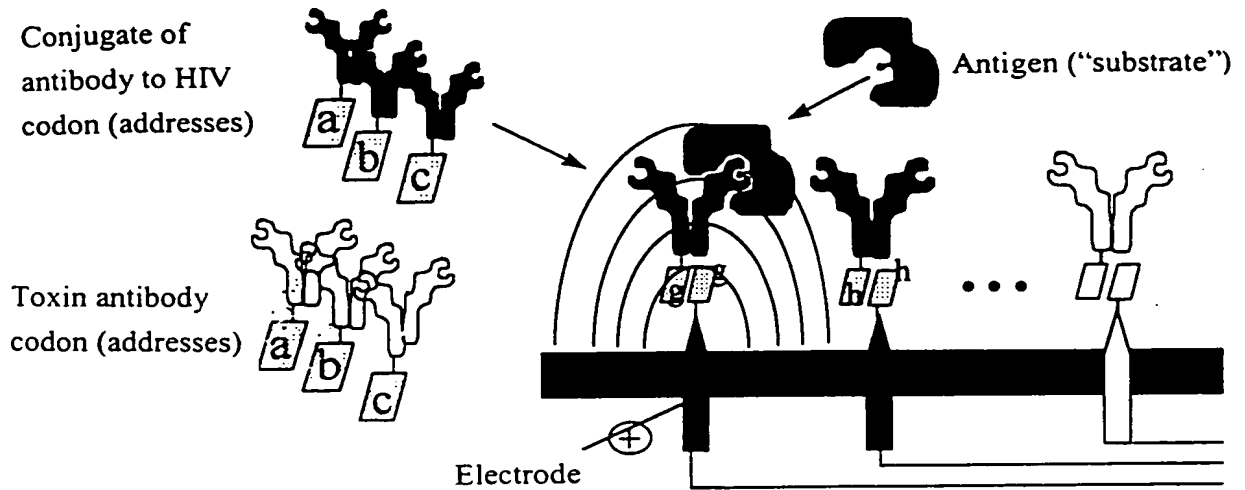
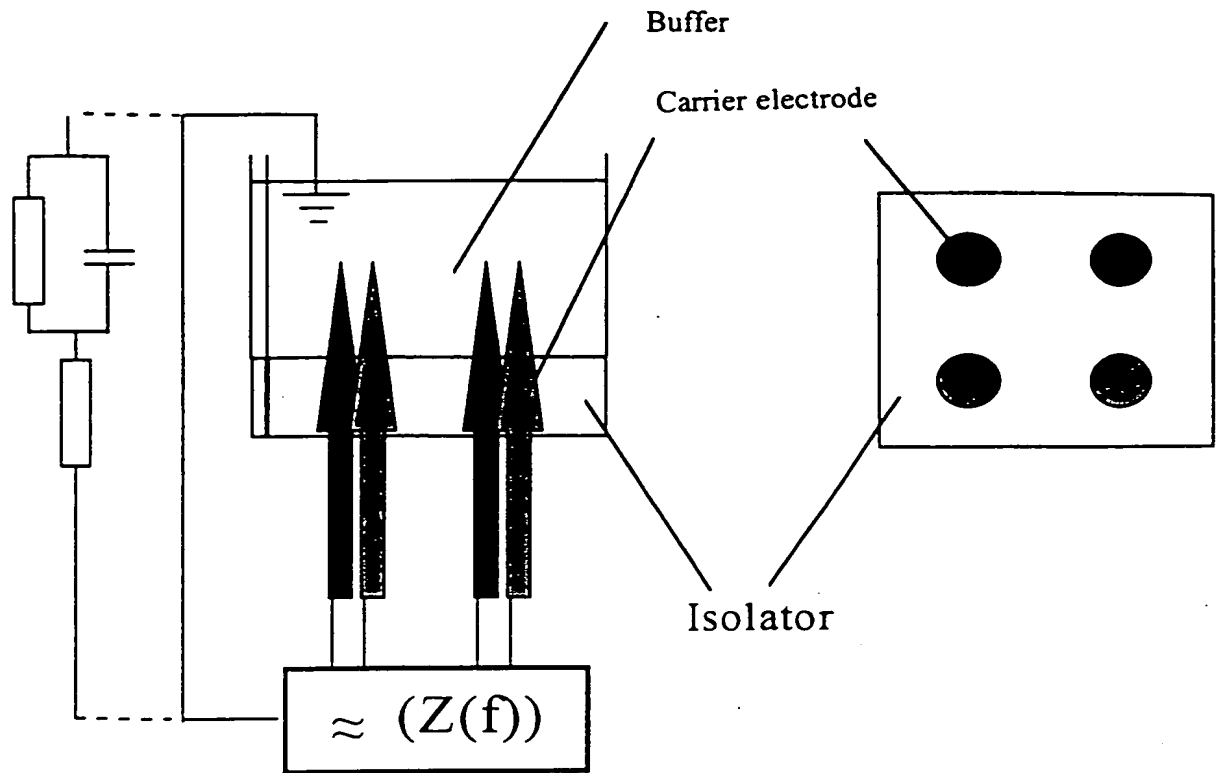


Fig. 3

09509051-060800



Idealized substitute
circuit diagram of
the experimental
arrangement

Impedance spectrometer

Fig. 4

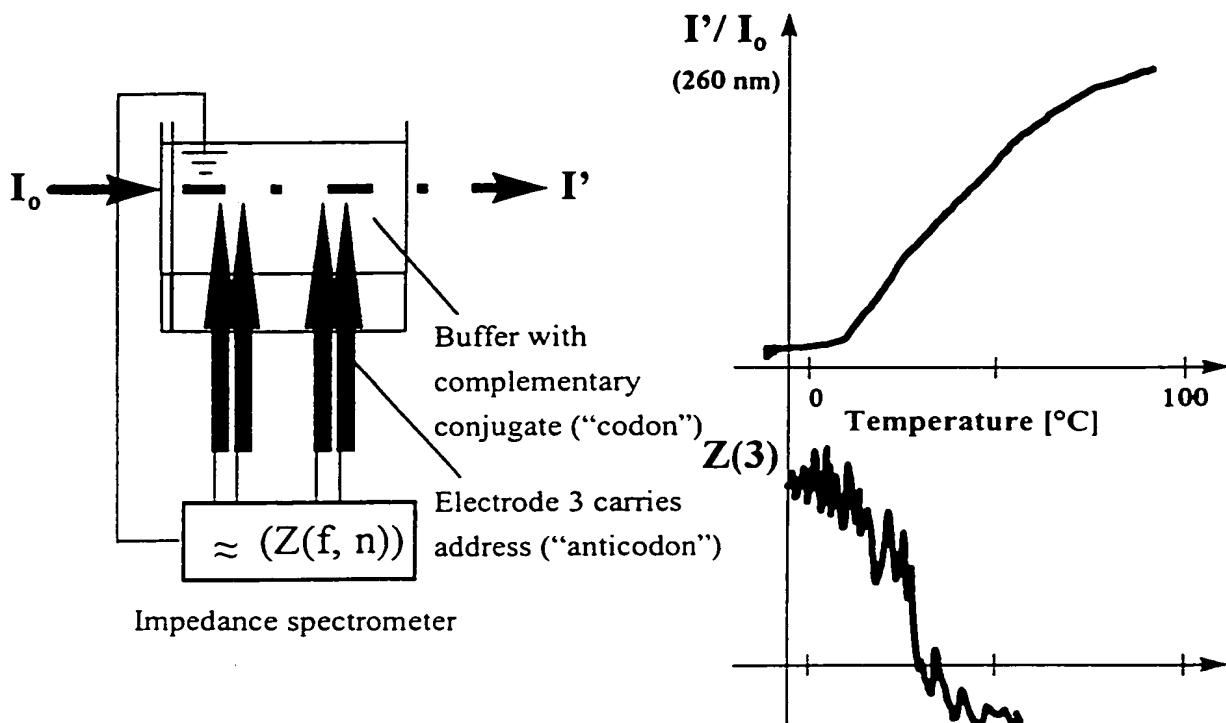


Fig. 5

5

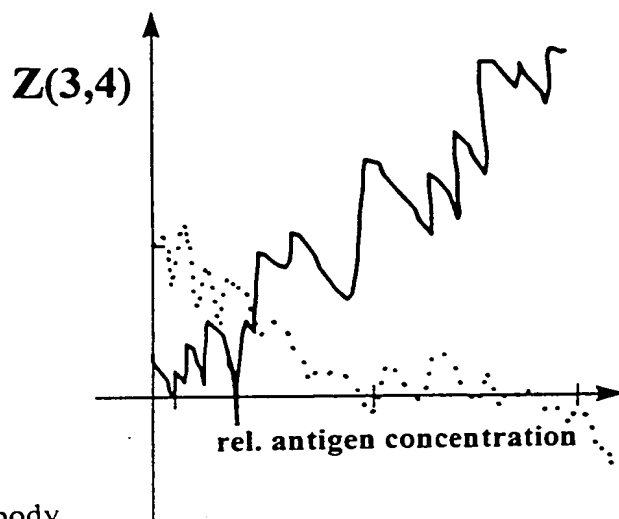
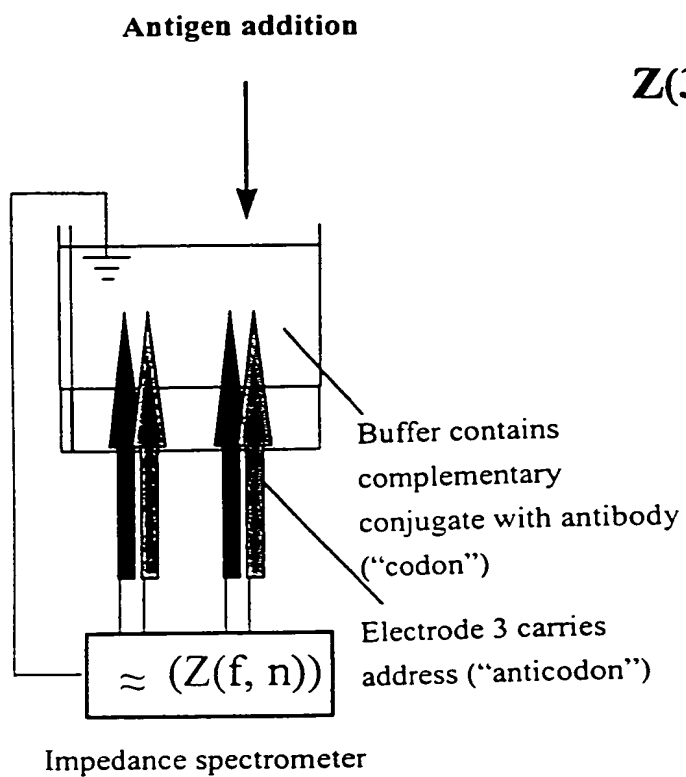


Fig. 6

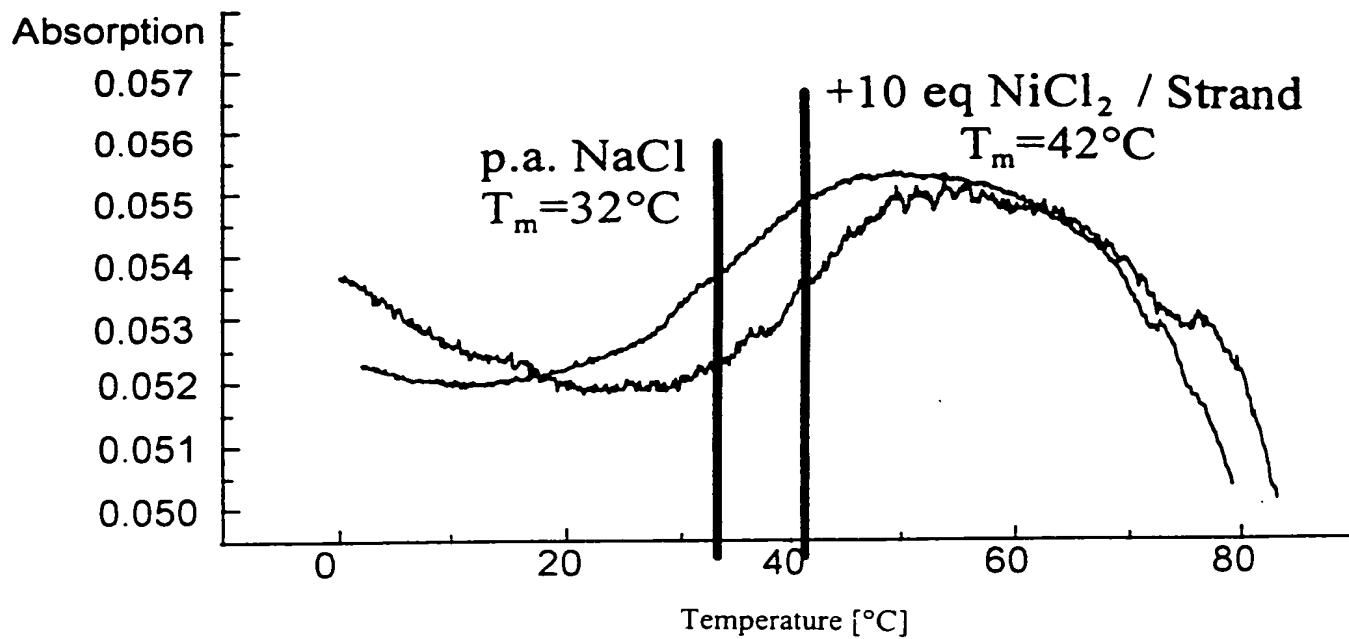


Fig. 7

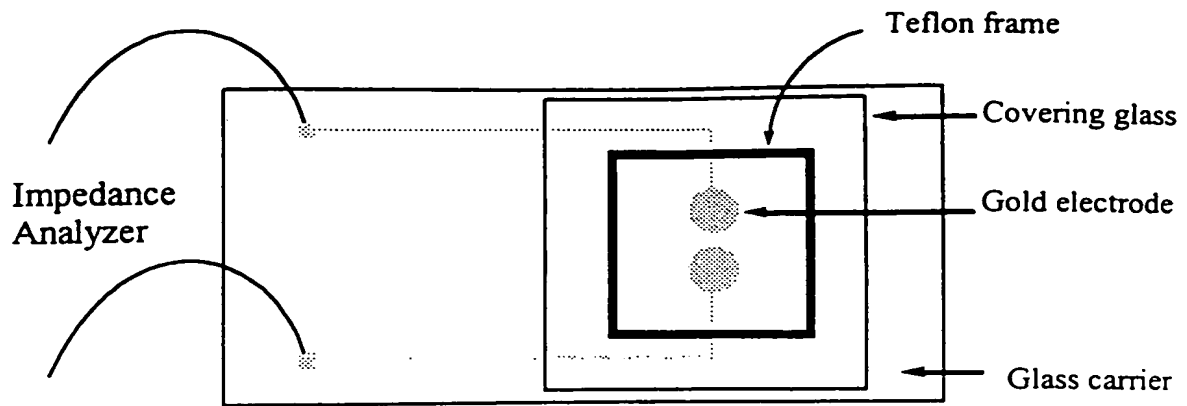


Fig. 8

002090-TS060560

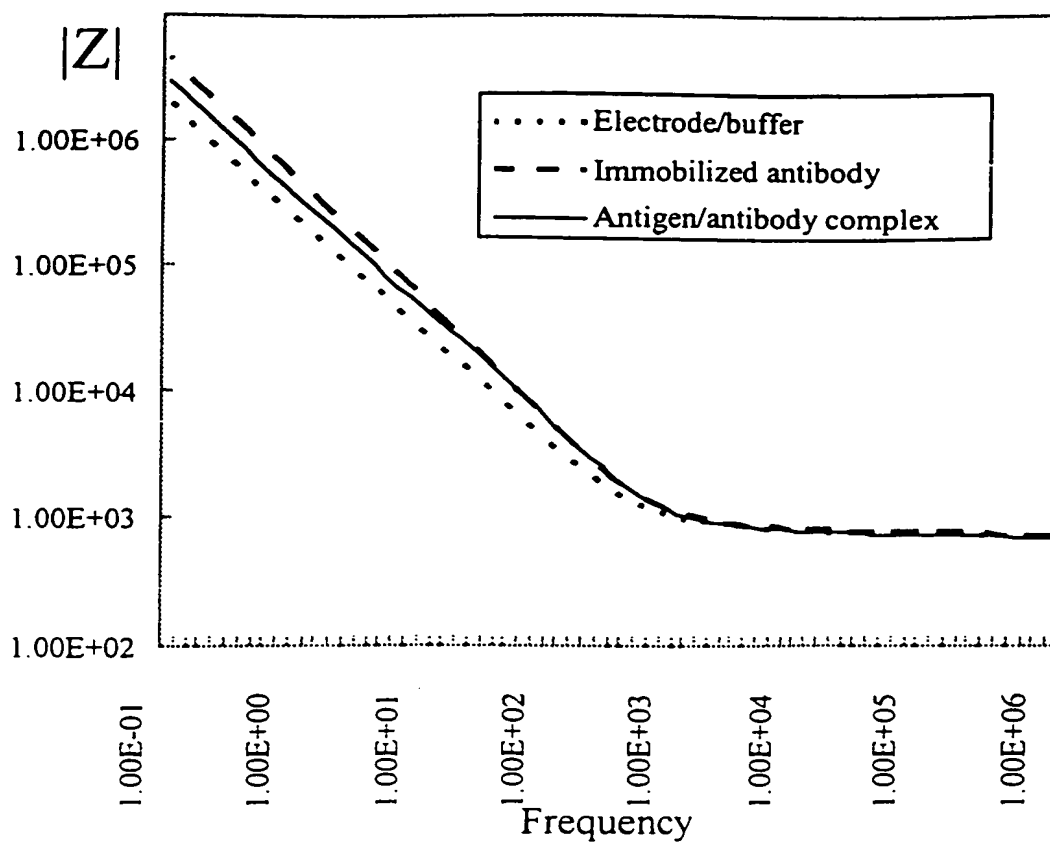
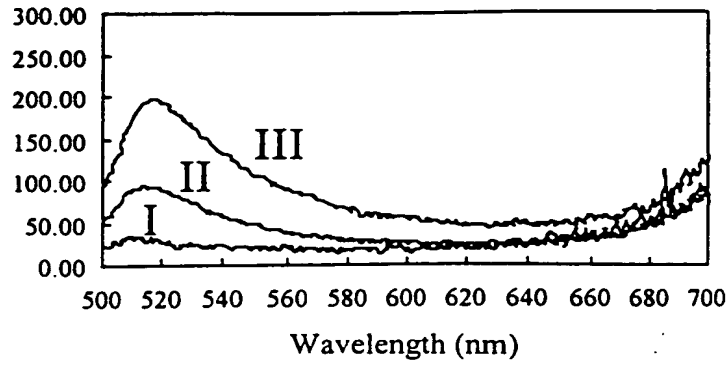


Fig. 9

Fluorescence (%)



- III Addressed electrode after antigen detection
- II Antigen solution
- I Electrode surface without antigen

Fig. 10

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